

- E1*
- (a) a protein whose sequence consists of amino acid residues 2 to 158 of SEQ ID NO:2;
- (b) a protein consisting of a fragment of SEQ ID NO:2, wherein said fragment comprises at least 30 contiguous amino acid residues of SEQ ID NO:2; and
- (c) a protein consisting of a fragment of SEQ ID NO:2, wherein said fragment comprises at least 50 contiguous amino acid residues of SEQ ID NO:2.

*C1*

46. (Once Amended) An isolated antibody or portion thereof produced by immunizing an animal with a protein selected from the group consisting of:

- E1*
- (a) a protein whose sequence comprises amino acid residues 2 to 158 of SEQ ID NO:2;
- (b) a protein whose sequence comprises at least 30 contiguous amino acid residues of SEQ ID NO:2; and
- (c) a protein whose sequence comprises at least 50 contiguous amino acid residues of SEQ ID NO:2,

*C2*

wherein said antibody or portion thereof specifically binds to the amino acid sequence of SEQ ID NO:2.

*E1*

73. (Once Amended) An isolated antibody or portion thereof that specifically binds to a protein selected from the group consisting of:

- C3*
- (a) a protein whose sequence consists of the amino acid sequence of the mature polypeptide encoded by the cDNA contained in ATCC Deposit Number 97129;
- (b) a protein consisting of a fragment of the polypeptide encoded by the cDNA contained in ATCC Deposit Number 97129, wherein said fragment comprises at least 30 contiguous amino acid residues of the polypeptide encoded by the cDNA contained in ATCC Deposit Number 97129; and

*E*  
*C*  
*4*

(c) a protein consisting of a fragment of the polypeptide encoded by the cDNA contained in ATCC Deposit Number 97129, wherein said fragment comprises at least 50 contiguous amino acid residues of the polypeptide encoded by the cDNA contained in ATCC Deposit Number 97129.

*98.* (Once Amended) An isolated antibody or portion thereof produced by immunizing an animal with a protein selected from the group consisting of:

- (a) a protein whose sequence comprises the amino acid sequence of the mature polypeptide encoded by the cDNA contained in ATCC Deposit Number 97129;
- (b) a protein whose sequence comprises at least 30 contiguous amino acid residues of the polypeptide encoded by the cDNA contained in ATCC Deposit Number 97129; and
- (c) a protein whose sequence comprises at least 50 contiguous amino acid residues of the polypeptide encoded by the cDNA contained in ATCC Deposit Number 97129;

*g*  
*l*

wherein said antibody or portion thereof specifically binds to the polypeptide encoded by the cDNA contained in ATCC Deposit Number 97129.